BRUHATH BENGALURU MAHANAGARA PALIKE

Yelahanka Division, Yelahanka Zone

Executive Engineeer
Yelahanka Division
B.B.M.P. Bengaluru - 64

No:EE/YNK-D/E-PMT/09/2018-19 Dated: 27-2-2019

APPROVED TENDER SCHEDULE –'B'

Item-90

Name of Work:-Drilling of borewells and providing pipeline in ward no -04, Yelahanka Division

Sl	Description	Unit	Approved Qty	Rate Quoted by the Contractor Approved Rates Sri.B P MAHESH (M/S SRI SAI MANJUNATHA ENTERPRISES)	
				Rate	Rate in Words
1	Geophysical investigation of site for sinking Borewell for supplying drinking water to the habitation either through the Hand pump, MWS of P.W.S.S by vertical electrical sounding by adopting Venner or Schlumberger's method, including reconnaissance survey of geological formation, Gerophysical investigation of existing Ground Wate in the vicinity, its qualityf 1.0 meter in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instrument and accessories to work site., engaging techinical personal and labour required etc., as per Specification and direction (P.30, I. 9.4) PRED.SR 2012-13	Each BW	5.00	2034.41	Rupees Two Thousand Thirty Four and Paise Forty One Only
2	Sinking Borewell of 165mm dia clear, using fast rig in all strata including over-burden upto 20mts. Fixing of casing Pipes, collars and cap with necessary cutting and threading including, transportation of Rig and supporting vehicle, crew charge and cost of consumbles, etc, complete including yield testing at the final depth with a minimum woring of compressor for one hour. (excluding cost of casing pipes, collars and cap, etc.)				
	a) 0.00 to50.00 Mtr	Rmtr	250.00	330.78	Rupees Three Hundred Thirty and Paise Seventy Eight Only
	b) 50.00 to 100.00 Mtr	Rmtr	250.00	432.39	Rupees Four Hundred Thirty Two and Paise Thirty Nine Only
	c) 100.00 to 150.00 Mtr	Rmtr	250.00	481.04	Rupees Four Hundred Eighty One and Paise Four Only
	d) 150.00 to 200.00 Mtr	Rmtr	250.00	508.06	Rupees Five Hundred Eight and Paise Six Only
	e) 200.00 to 250.00 Mtr	Rmtr	250.00	588.06	Rupees Five Hundred Eighty Eight and Paise Six Only

	Description	Unit	Approved Qty	Approved Rates Sri.B P MAHESH (M/S SRI SAI MANJUNATHA ENTERPRISES)	
				Rate	Rate In Words
	e) 250.00 to 300.00 Mtr	Rmtr	250.00	630.21	Rupees Six Hundred Thirty and Paise Twenty One Only
3	Supply of ISI Mark 175mm nominal Bore, Plain end steel casing Pipe-grade of steel Fee 4100 of wall thickness 5mm thick confirming to IS 4270:2001 and latest amendments, electric resistance welded steel electric or basic oxygen process in fandom length of 5 to 7mtr. Both ends threaded confirming to Is554/1985 one end fixed with socket confirming to IS 270:2001 and other end with screwed pipes. All pipes shall be reasonably free from defectes. The tubes shall be resonably straigth should be with ISI Marking Weighting 25.10 kg/mtr (Inclusive of all taxes and durties) Prices include Collar - medium duty.PRED III NO 84	Rmtr	300.00	1432.31	Rupees One Thousand Four Hundred Thirty Two and Paise Thirty One Only
4	Providing and fixing 250mm dia PVC pipe and as per specification and directions. (BWSSB SR 13-14, P.No.53 I.no.1 of sl.no.11.)	Rmtr	50.00	1189.08	Rupees One Thousand One Hundred Eighty Nine and Paise Eight Only
5	175 mm dia M.S. Casing cap (P.NO-III, I.NO-85, PRED 12-13 SR)	Each	5.00	108.10	Rupees One Hundred Eight and Paise Ten Only
6	M.S. Casing pipe collars 'C' Class (P.NO-III, I.NO-86, PRED 12-13 SR)	Each	45.00	162.15	Rupees One Hundred Sixty Two and Paise Fifteen Only
7	Supply and delivery at site brand New texmo/ innoval/ Lubi/ Sabar / Atalanta/ Calamal/ make suitable for vertical installation in 150mm dia bore well comprising of single stage or multistage CF pump close coupled by measns of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction motor suitable for opertation of 3PH., 50 Hz, 380/440 volts AC supply fitted with required aqccessories such as suction, casing suction strainers sand guard Non return value etc. complete . The pump and motor shall form an integral unit with all the required fittings. PAGE NO XLII PWD SR 2018-19	Nos	5.00	75696.24	Rupees Seventy Five Thousand Six Hundred Ninety Six and Paise Twenty Four Only
8	Providing, laying & jointing GI pipes confirming to IS specification of approved make with fittings such as collars bends elbows tees nipples plugs with cuts threads using white lead & threads for joints wherever necessary as per direction including all lead & lift etc,. complete 'A' grade(excluding cost of fittings) 50mm dia GI pipe (SR 18-19 PWD, P.No.XIX Sl.no. 499 Code No. 0154)	Rmtr	1500.00	293.50	Rupees Two Hundred Ninety Three and Paise Fifty Only
9	Providing & fixing heavy duty collar (P.NO-III, I.NO-86, PRED 12-13 SR)	Nos	250.00	162.15	Rupees One Hundred Sixty Two and Paise Fifteen Only

	Description	Unit	Approved Qty	Approved Rates Sri.B P MAHESH (M/S SRI SAI MANJUNATHA ENTERPRISES)	
				Rate	Rate In Words
	Supplying and drawing 3 core PVC Sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper conductor confirming to table 3 class 5 of IS: 8130-1984 and virgin grade PVC insulation and sheathed suitable for working voltage upto 1100 volts Ap No. 12/I No. (2.104) 3C X 6.0 Sqm KPWD Electrical SR 2014-15	Mtr	3000.00	198.04	Rupees One Hundred Ninety Eight and Paise Four Only
11	Supplying & delivery at site brand new / Essen / Lotus sunsines/Adarsh/ Gk controls best indigenous make combine energy meter-cum-control panel board unit of size 1200 x 600 x 300 mm minimum mechanically strong and vermin and water proof the unit shall have two detachable doors suitable for operation on 3ph, 50Hz, 380/440 volts, AC supply with spring loaded latch locking with a key ribs should be provided inside the door , canopy apron and louvers ventilators shall be provided the combine energy mtr cum control panel board unit suitable for operation on 3ph, 50Hz, 380/440 AC supply shall be consisted etc,. completed T panel board shall be fabricated on single unit in the above components panel board for suitable pumpset above components panel board for suitable pumpset above 6.50 HP to 17.50 HP with star delta starter (MR)	No.	5.00	15532.60	Rupees Fifteen Thousand Five Hundred Thirty Two and Paise Sixty Only
12	Fabricating supplying and mounting MS box of 16 SWG suitable for floor / wall mounting, fully weather proof with provision for better hear description, (providing with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished 2 coats of red oxide primes paint and finally finished with approved colour enamelled metal paint etc,. complete box of 21600 sq cm (P.NO-530, I.NO-39 b, BWSSB SR 13-14)	Sqm	110000.00	0.36	Rupees and Paise Thirty Six Only
13	Providing & Fixing of clamps set and borewell cap to the pump (MR)	No's	5.00	724.16	Rupees Seven Hundred Twenty Four and Paise Fifteen Only
14	Supplying & delivery of brand new best make non return valve of size 50mm as per IS: 778/84 with latest amendments with ISI mark (50mm Gate wheel Valve. (PWD SR 18-19, P.NO.XXV, Sl.no, 647 Code No. 0126)	No's	15.00	1067.29	Rupees One Thousand Sixty Seven and Paise Twenty Nine Only
15	Supplying and delivery of brand new best make Gate Valve of size 50mm as per IS: 778/84 with latest amendments with ISI mark . 50mm Gate Valve for distributer pipeline. 50mm dia (PWD SR 18-19, P.NO.XXVI, Sl.no, 661 Code No. 0164)	No's	15.00	1467.53	Rupees One Thousand Four Hundred Sixty Seven and Paise Fifty Three Only

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				Rate	Rate in Words
6	Labour charges for erection of new /repaired submersible pumpset along with GI pipes (32/50mm) cable (new submersible pumpset if required will be supplied by the department free of cost and released pump set should be handed over to department) including transportation (each length = 6.00m) (P.No - 564, I.No - 3, BWSSB SR 13-14)	Per length	225.00	95.13	Rupees Ninety Five and Paise Thirteen Only
17	Erection of combined panel board meter board with all necessary materials and labour including providing CC 1:3:6 foundation bed etc,. Complete for basement out door type. (MR)	No's	5.00	498.51	Rupees Four Hundred Ninety Eight and Paise Fifty One Only
18	Supplying and fixing miniature circuit breakers/isolators in existing MCB distribution boards using necessary fixing materials and wiring complete as required, 40 to 63 Amps DP (P.NO - 526, I.NO - 13D (a), BWSSB SR 13-14)	No's	5.00	951.27	Rupees Nine Hundred Fifty One and Paise Twenty Seven Only
19	Supplying and fixing of Porcelain fuse channel with cut out on existing wooden / panel using necessary nuts, bolts and washer etc., complete…. P No. 32/I No 3b KPWD Electrical SR 2010-11	No.	15.00	157.43	Rupees One Hundred Fifty Seven and Paise Forty Three Only
20	Supplying and laying of L.T.U.G Cable having aluminiumconductor PVC insulated shethed galvanised steel wire/ steel tape armoured cable with PVC outer sheathing 1.1 KV class 4 core 16 sqmm cable (confirming to IS 1554) (P.NO - 553, I.NO - 10 (d), BWSSB SR 13-14)	Mtr	140.00	178.36	Rupees One Hundred Seventy Eight and Paise Thirty Six Only
21	Digging of trenches of 0.6mm x 0.50 Mtrs wide refilling the trench to the required ground level and consolidating etc,. Complete sutting road surfaces (P.NO - 554, I.NO - 12 (b), BWSSB SR 13-14)	Mtr	140.00	59.45	Rupees Fifty Nine and Paise Forty Five Only
22	Supplying and fixing Class-A GI Pipe on pole/ wall/drain crossing with necessary clamping arrangements for UG Cable of 1.1 KV class 40mm (P.NO - 555, I.NO - 15 (b), BWSSB SR 13-14)	Mtr	15.00	309.16	Rupees Three Hundred Nine and Paise Sixteen Only
23	Supplying and fixing wiring earth electrode for grounding conduits, IC cutouts and other equipments on the meter board using 40mm dia 2.90 mm thick GI pipe 2.5 mtr long buried in a pit,/ the pit should be filled with equal proportion of salt and charocal 150 mm alround the pipe to complete depth the connections from the pipe to the conduit etc,. is to be established though GI wire of size as per ISI specification 7.3.3 of ISI 732 using 12mm dia boalts, nuts washers and checknuts etc,. the pipe shall have 16 through holes of 122mm dia (P.NO - 552, I.NO - 7 , BWSSB SR 13-14)	No's	5.00	1783.63	Rupees One Thousand Seven Hundred Eighty Three and Paise Sixty Three Only
24	Supply and fixing LT cast iron pot heads suitable for 1.1 KV class 16 sqmmUG cable filled with necessary bitumen/ insulating compound complete with terminals, clamps, bolts nuts and washers etc, (P.NO - 555, I.NO - 16 (b) , BWSSB SR 13-14)	No's	5.00	285.38	Rupees Two Hundred Eighty Five and Paise Thirty Eight Only

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25	Providing and fixing Gun Metal Gate wheel valve confirming to IS specification of approved make as per direction including all lead and lift etc,. Complete. 50mm dia (P.NO - 97, I.NO - 13.79.6, PWD SR 18-19)	No's	15.00	816.55	Rupees Eight Hundred Sixteen and Paise Fifty Five Only
26	Supplying and fixing of polished wood board made of not less than 15mm thick plank on both sides with planks made out on not more than 2 pieces and fixing the same to wall using tapered inverted wooden plugs screws etc., Size 20 x 20 x 2.5 inches (P.NO - 521, I.NO 2 (f), BWSSB SR 13-14)	No's	5.00	327.00	Rupees Three Hundred Twenty Seven Only
27	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in Ordinary soil not exceeding 1.5 m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m after breaking of clods complete as per specifications (P.NO - 6, I.NO - 2.3, PWD SR 18-19)	Cum	405.00	332.63	Rupees Three Hundred Thirty Two and Paise Sixty Three Only
28	Providing and installing at site of work 63mm (0.662) PVC Pipes of 6 kg / cm2 including cost of pipes and specials and labour, including lowering into trenches, laying true to line, level and perfect linking at joints leak proof including jointing of approved type with all labour and lift charges, handling charges including encasing the pipe alround to a depth not less than 15cms with gravel or selected earth available from the excavation etc., complete (P.NO - 94, I.NO - 13.73.2, PWD SR 18-19)	Mtr	900.00	413.84	Rupees Four Hundred Thirteen and Paise Eighty Four Only
29	KSRRB M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406 Page No. 155/ Item No. 20.18/ PWD SR 2018-19	Cum	81.00	2100.34	Rupees Two Thousand One Hundred and Paise Thirty Four Only
30	Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m and lift upto 1.5m including cost of all labour complete as per specifications (P.NO - 7, I.NO - 2.11, PWD SR 18-19)	Cum	270.00	134.61	Rupees One Hundred Thirty Four and Paise Sixty One Only

B.P. Mahesh

Signature of the Contractor

Executive Engineer

Executive Engineer,
Yelahanka Division,
BBMP, Bengaluru-64.

Bruhat Bangalore Mahanagara Palike
BANGALORE 560 064